

FIG. 1

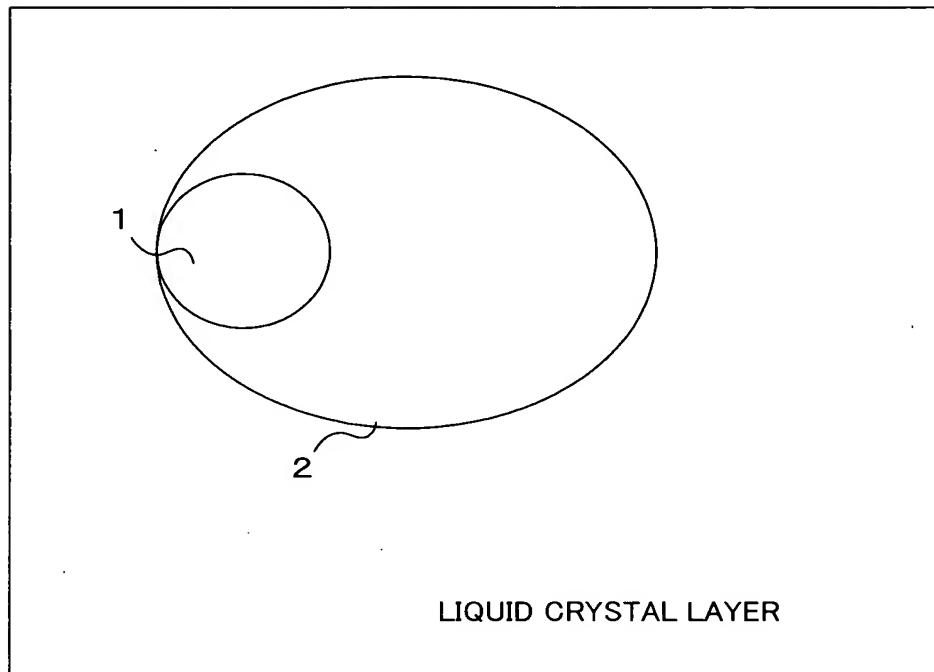


FIG. 2

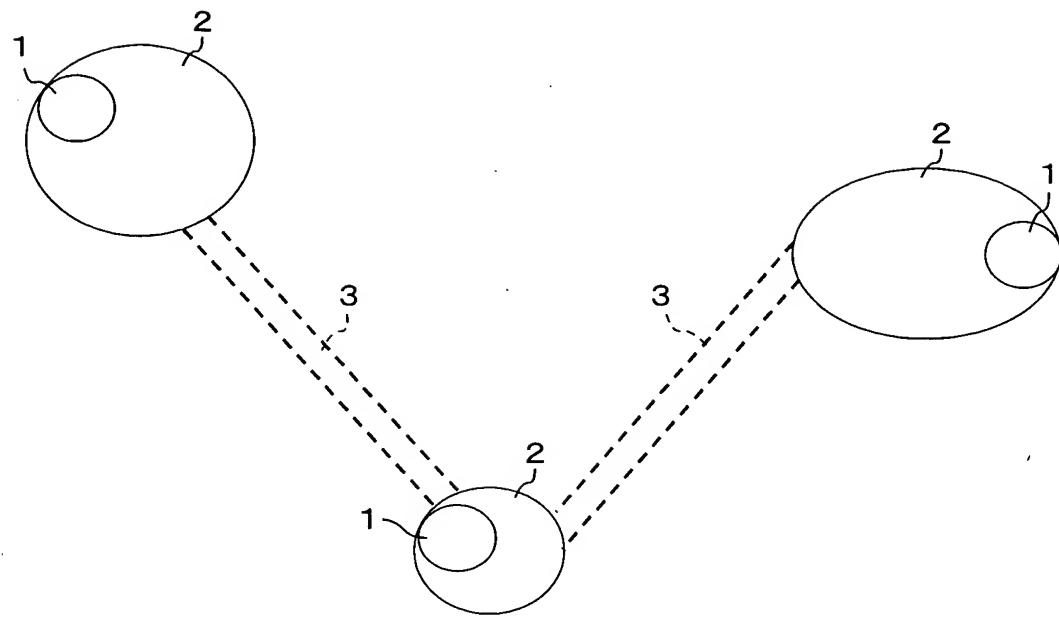


FIG. 3

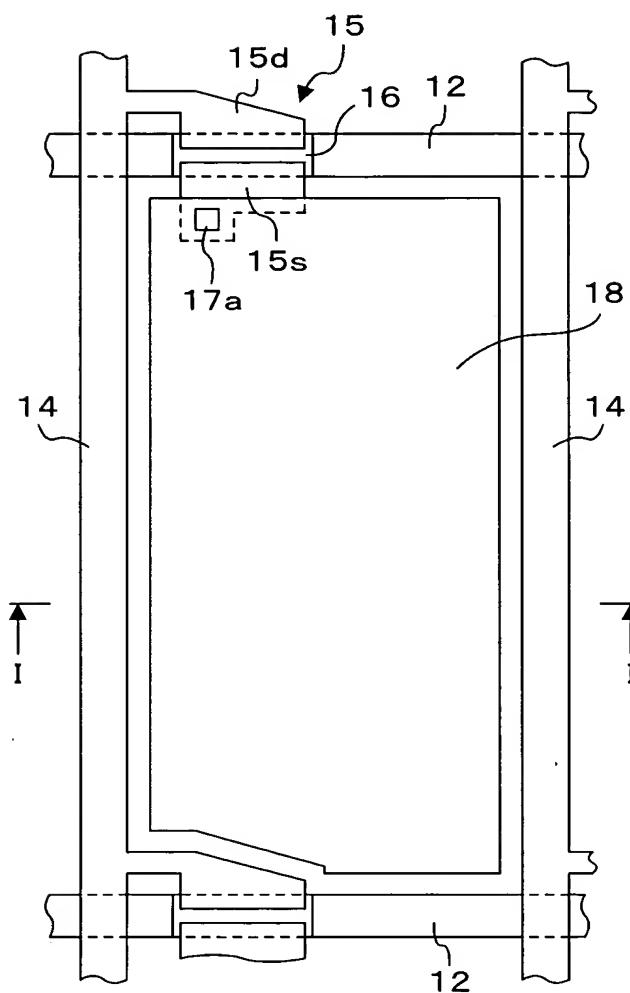


FIG. 4

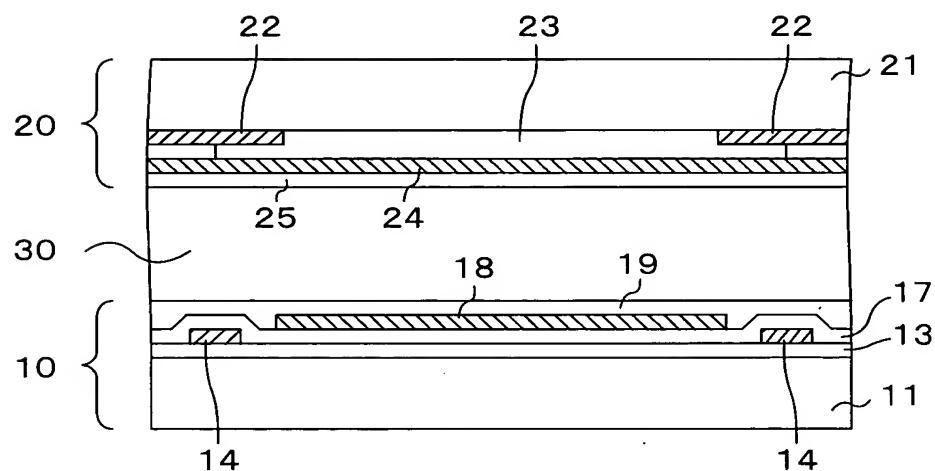


FIG. 5

LIQUID CRYSTAL	PHYSICAL PROPERTIES						VERTICAL ALIGNMENT PROPERTY
	N-I(°C)	S-N(°C)	Δn	Δ ε	K ₁₁	K ₃₃	
LIQUID CRYSTAL A	65	<-20	0.0995	-7.0	12.3	13.0	239
LIQUID CRYSTAL B	62	<-20	0.0793	-5.1	—	—	153
LIQUID CRYSTAL C	79	<-20	0.0813	-4.6	14.7	16.7	135
LIQUID CRYSTAL D	71	<-30	0.0822	-3.8	13.6	14.7	135
LIQUID CRYSTAL E	71	<-30	0.0825	-3.5	13.3	13.3	141
LIQUID CRYSTAL F	70	<-20	0.1011	-3.3	12.8	12.8	115
LIQUID CRYSTAL G	71	<-20	0.0836	-2.1	12.9	15.0	111
LIQUID CRYSTAL H	75	<-20	0.0756	-1.3	—	—	—
LIQUID CRYSTAL I	72	<-20	0.1057	0.0	—	—	—
LIQUID CRYSTAL J	70	<-20	0.2007	3.2	11.3	12.4	115
LIQUID CRYSTAL K	92	<-40	0.094	5.2	—	—	133
LIQUID CRYSTAL L	65	<-20	0.105	8.7	—	—	—

FIG. 6

RELATIONSHIPS BETWEEN SPACER AND CONTRAST

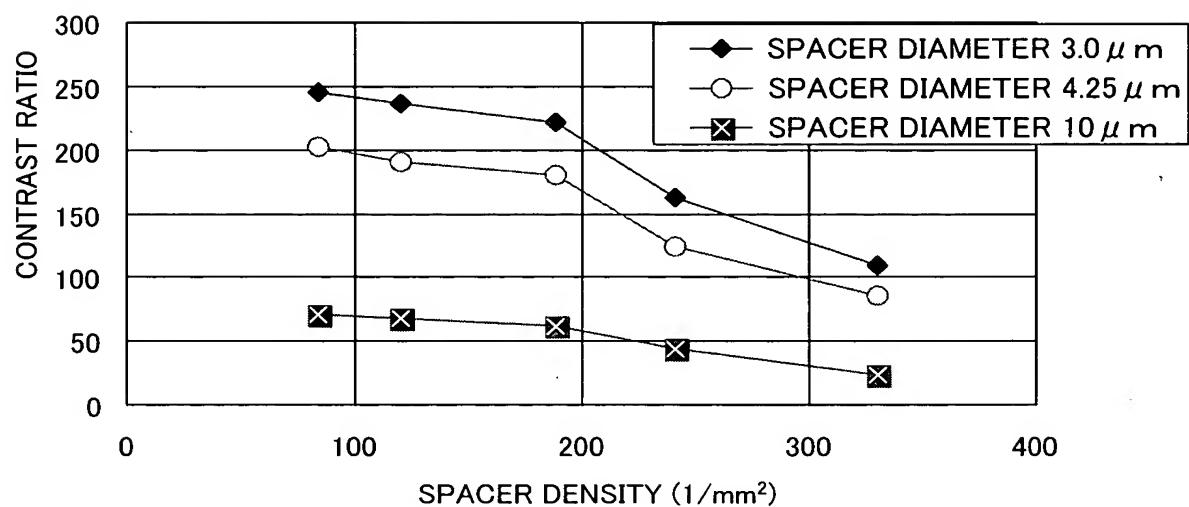


FIG. 7

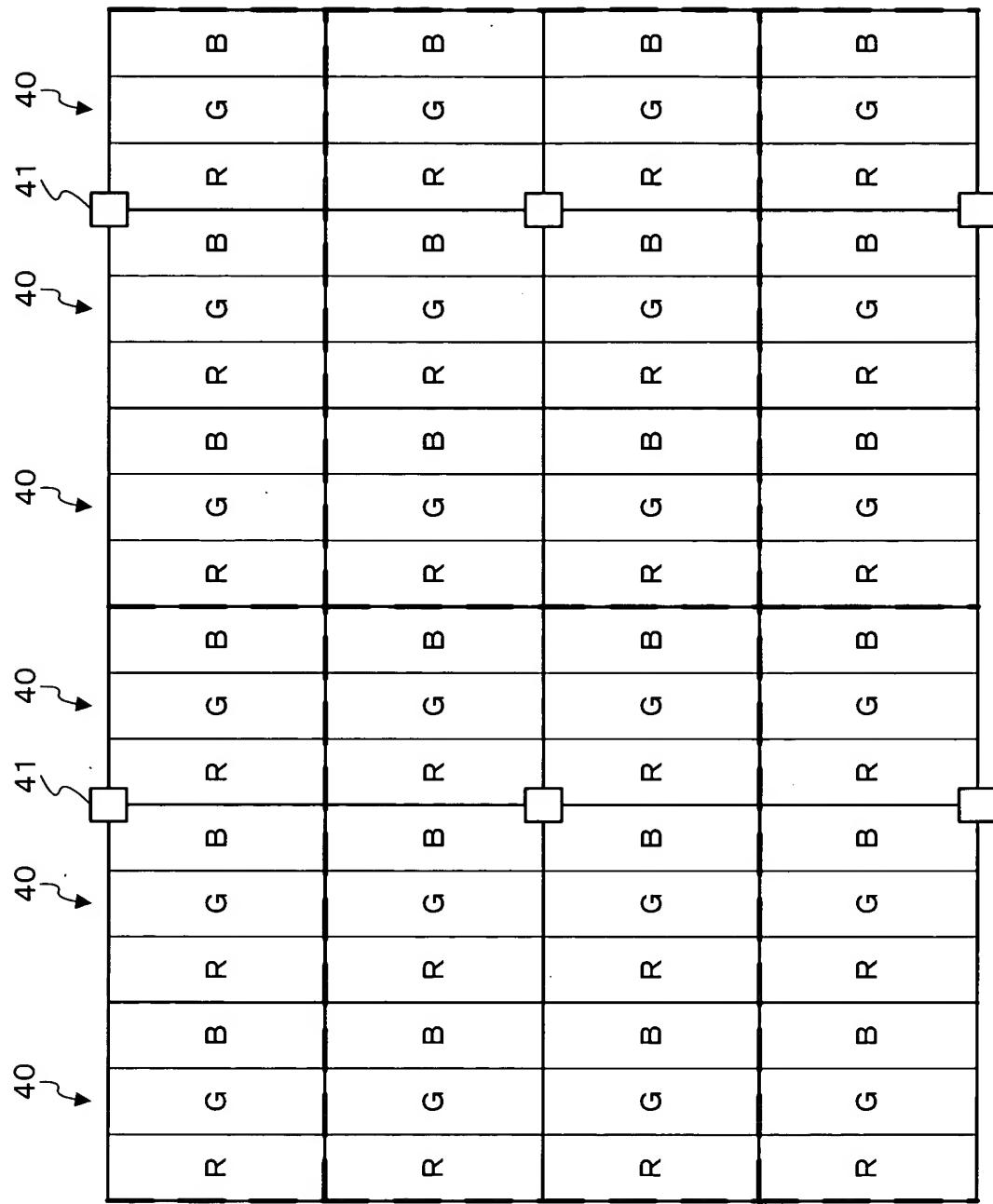


FIG. 8

